

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, Washington, DC 20231" on

Atty Dkt No. 6125-0001
PATENT

11.2.01
Date

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
John P. CUMINGS et al.

Serial No.: 09/915,196

Filing Date: July 24, 2001

Title: TELESCOPED MULTIWALL NANOTUBE AND MANUFACTURE THEREOF



Group Art Unit: 2879

Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

Form PTO-1449 listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
PATENT NO.	ISSUE DATE	PATENTEE
Serial No. 09/915,207	Filed 7/24/01	Cumings et al.
5,958,358	9/28/99	Tenne et al.
6,231,980	5/15/01	Cohen et al.

OTHER DOCUMENTS	
Charlier et al. (1993), "Energetics of Multilayered Carbon Tubules," <i>Physical Review Letters</i> <u>70</u> (12):1858-1861.	
Cumings et al. (2000), "Low-Friction Nanoscale Linear Bearing Realized from Multiwall Carbon Nanotubes," <i>Science</i> <u>289</u> :602-604.	
Falvo et al. (1999), "Nanometre-Scale Rolling and Sliding of Carbon Nanotubes," <i>Nature</i> <u>397</u> :236-238.	
Kolmogorov et al. (2000), "Smoothest Bearings: Interlayer Sliding in Multiwalled Carbon Nanotubes," <i>Physical Review Letters</i> <u>85</u> (22):4727-4730.	
Yu et al. (2000), "Controlled Sliding and Pullout of Nested Shells in Individual Multiwalled Carbon Nanotubes," <i>J. Phys. Chem. B</i> <u>104</u> :8764-8767.	
Yu et al. (2000), "Strength and Breaking Mechanism of Multiwalled Carbon Nanotubes Under Tensile Load," <i>Science</i> <u>287</u> :637-640.	
Wagner et al. (1998), "Stress-Induced Fragmentation of Multiwall Carbon Nanotubes in a Polymer Matrix," <i>Appl. Phys. Lett.</i> <u>72</u> (2):188-190.	

The first references identified above and as listed on attached Forms PTO-1449 as Reference No. AA is a U.S. patent application, and, as such, no copy is included pursuant to 37 CFR § 1.98(a)(2)(iii).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a

fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor. A
duplicate copy of this paper is enclosed.

Respectfully submitted,

11/02/01
Date

By:

J. Elin Hartrum
Registration No. 43,663

REED & ASSOCIATES
800 Menlo Avenue, Suite 210
Menlo Park, California 94025
(650) 330-0900 Telephone
(650) 330-0980 Facsimile

F:\Document\6125\0001\IDS.wpd